

1 I claim:

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3 *Sub* 1. A door for an opening in a computer housing, said door comprising:
4 *a27* a bracket pivotally connected to said computer housing; and
5 a cover elastically mounted to said bracket.

1 2. A door according to Claim 1, wherein:
2 said cover includes a back surface; and
3 said bracket is elastically coupled to said back surface.

4 3. A door according to Claim 2, further comprising a biasing member disposed to urge
5 said cover against said bracket.

6 4. A door according to Claim 3, wherein said biasing member is an integral part said
7 bracket.

8 5. A door according to Claim 3, wherein said biasing member includes a flat spring.

9 6. A door according to Claim 5, wherein said flat spring includes:
10 a central support extending upwardly from said bracket; and
11 at least one curved wing extending laterally from said central support.

1 7. A door according to Claim 5, wherein said cover further includes a channel disposed
2 to receive said flat spring.

3 8. A door according to Claim 1, wherein:
4 said cover includes an alignment feature; and
5 said bracket includes a complementary alignment feature, said alignment feature and
6 said complementary alignment feature moveably engaging one another.

1 9. A door according to Claim 8, wherein:

2 one of said alignment feature and said complementary alignment feature includes a
3 post; and

4 the other of said alignment feature and said complementary alignment feature
5 includes a post receiving aperture.

6 10. A door according to Claim 9, wherein:

7 one of said alignment feature and said complementary alignment feature includes a
8 plurality of posts; and

9 the other of said alignment feature and said complementary alignment feature
10 includes a plurality of post receiving apertures.

11 11. A door according to Claim 10, wherein said bracket includes at least one hinge
12 member extending downwardly and forwardly toward a point of pivotal connection to said
13 computer housing.

14 12. A door according to Claim 11, wherein said hinge member is L-shaped.

15 13. A door according to Claim 1, wherein said cover includes a beveled edge.

16 14. A door according to Claim 13, wherein:

17 said cover includes an alignment feature;

18 said bracket includes a complementary alignment feature;

19 and said alignment feature and said complementary alignment feature loosely engage
20 one another to allow said beveled edge to self-align within a beveled seat of said
21 opening in said housing.

1 15. A door according to Claim 1, wherein said bracket pivots about an axis adjacent said
2 opening in said housing.

1 16. A door according to Claim 1, wherein:
2 said cover includes a beveled edge; and
3 said bracket includes at least one hinge member extending downwardly and forwardly
4 to a pivot axis disposed adjacent said opening in said housing.

1 17. A door according to Claim 16, further comprising a biasing member disposed to urge
2 said cover against said bracket.

1 18. A door according to Claim 17, wherein:
2 said cover includes an alignment feature; and
3 said bracket includes a complementary alignment feature, said alignment feature and
4 said complementary alignment feature moveable engaging one another.

1 19. A door according to Claim 18, wherein:
2 said biasing member includes a flat spring; and
3 said cover includes a channel for receiving said flat spring.
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1 20. A door according to Claim 19, wherein:
2 said alignment feature includes a post adjacent an end of said channel; and
3 said complementary alignment feature includes an aperture adjacent an end of said
4 flat spring.

1 21. A door according to Claim 1, wherein:
2 said bracket and said mounted cover form an assembly; and
3 said assembly includes a substantially smooth rear surface for slidably abutting
4 devices moving through said opening in said housing.

1 22. A door according to Claim 21, wherein at least a portion of said smooth rear surface
2 is arcuate.

1 23. A door according to Claim 21, wherein said assembly is substantially free of any
2 member projecting rearward of said smooth rear surface.

3 24. An electronic component case comprising:
4 a housing for generally enclosing said electronic component, said housing defining an
access opening therein;
a bracket pivotally connected to said housing; and
a cover flexibly attached to said bracket.

5 25. An electronic component case according to Claim 24, a biasing member coupled
between said bracket and said cover.

6 26. An electronic component case according to Claim 24, wherein said cover includes a
beveled edge.

7 27. An electronic component case according to Claim 24, wherein:
8 said cover includes an alignment feature; and
9 said bracket includes a complementary alignment feature, said alignment feature and
10 said complementary alignment feature moveably engaging one another.

1 28. An electronic component case according to Claim 24, wherein said bracket includes a
2 hinge portion extending downwardly and forwardly.

3 29. A door for an opening in an electronic component housing, said door comprising:
4 a bracket;
a cover; and
means for elastically mounting said cover to said bracket.

1 30. A door according to Claim 29, further comprising means for biasing said cover
2 against said bracket.

1 31. A door according to Claim 29, further comprising means for loosely aligning said
2 cover with said bracket.

1 32. A door according to Claim 29, further comprising means for pivotally connecting
2 said bracket to said housing.

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